

ABSTRACT OF THE DISCLOSURE

Reinforcement of buried or inaccessible existing pipes is achieved by applying a reinforcement layer which includes a fabric portion. A pipe system structure is achieved which permits an internal or external surface of an existing pipe wall to be reinforced without removing a section of the pipe and without requiring the pipe to be out of service of a long period of time. The reinforcement layer overlays a portion of the internal or the external surface of the pipe. An adhesive material is then applied to the surface of the pipe or to the reinforcement layer for bonding the reinforcement layer to the surface of the pipe to develop a composite system between the existing pipe and the reinforcement layer.